

United States Patent and Trademark Office

Requested copy attached



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILIN	G DATE	FIRST NAMED	NVENTOR	ATTORNEY DOCK	ET NO. CONFIRMATION NO.	
09/839,394	09/839,394 04/20/2001		Robby Darren Benedyk		1322/45/2	2496	
25297	7590	12/22/2004				EXAMINER	
JENKINS & 3100 TOWER		, PA				HONG, HARRY S	
SUITE 1400				WIELD	ART UNIT	PAPER NUMBER	
DURHAM, 1	DURHAM, NC 27707			WE	2642		
					DATE MAILED: 12	2/22/2004	
			JAN - 3	2005	<i>:</i>		
			- Contract of the Contract of				

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKET DATES: NA
ASSIGNED ATTY: GAH
FILE NO. 1322 452
DOCKETED BY: HMD
DATE: L. 4.05

PTO/SB/08a (05-03) ise through 04/30/2003. OMB 0651-0031 MAY 2 7 2003

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Reduction Act of 1835, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 49A/PTO PRADEN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 09/839.394 Filing Date 04/20/2001 First Named Inventor Robby Darren Benedyk Art Unit **Examiner Name**

(Use as many sheets as necessary) Attorney Docket Number 1322/45/2 of Sheet

		<u></u>	U. S. PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
initials"	NU.	Number-Kind Code ^{2 (if known)}	WING-DD-1111	Applicant of once bounding	Figures Appear	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			RECEIVED	
		US-				
		US-			MAY 2 8 2003	
		US-				
		US-			Technology Center 2600	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-]	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹		atent Document a 3-Number 4-Kind Code 5 (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
Spr	A1	EP	0 853 411	A2	07/15/1998	Bicknell et al.		X	
7		<u> </u>						<u> </u>	
								├	
			7/					-	

Examiner Signature	n M	Date Considered	1-3-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in the information and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03) se through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Index the Paperwork Reduction Act of 1995 to persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449BFFF	MARKS			Complete if Known	
				Application Number	09/839,394	
	DRMATION DI			Filing Date	04/20/2001	
STA	TEMENT BY	APPLI	CANT	First Named Inventor	Robby Darren Benedyk	
				Art Unit	2642	
	(Use as many sheets as	necessary)		Examiner Name		
Sheet	1	of	1	Attorney Docket Number	1322/45/2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T² ·
Spr	B1	MICHAEL MCGREW, "Transport SS7 Signaling Over IP," Lucent Technologies Inc., p. 1-8, (November 1998).	X
		RECEIVED	
		MAY 2 8 2003	
		Technology Center 2500	y .
	_		
Examiner Signature		Date Considered (/-3-63	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAY 2 7 2003

STATEMENT BY APPLICANT

PTO/SB/08a (05-03) Approximates through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

rk Reduction Act of 1855, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form \$49A/PTO PRADEM

INFORMATION DISCLOSURE

Application Number 09/839.394 Filing Date 04/20/2001 First Named Inventor Robby Darren Benedyk

Art Unit **Examiner Name**

Attorney Docket Number

1322/45/2

(Use as many sheets as necessary)

of Sheet

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
		US-			RECEIVED
		U\$-			
		US-			MAY 2 8 2003
		US-			
		US-			Technology Center 2600
		US-			

. ===	FOREIGN PATENT DOCUMENTS									
Examiner	Cite No. ¹	Foreign Patent	Document		Publication Date	Name of Patentee or	Pages, Columns, Lines,			
Initials*		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
Spe	A1	EP	0 853 411	A2	07/15/1998	Bicknell et al.		X		
7										
			0//							

Examiner		Date	//
Signature	11 ///2	Considered	11-5-03
	Ju do		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03) se through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Research Act of 1995 po persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for	r form 1449BC770	MARKS		Complete if Known		
				Application Number	09/839,394	
	RMATION DI			Filing Date	04/20/2001	
STAT	EMENT BY	APPLI	CANT	First Named Inventor	Robby Darren Benedyk	
	(lles es many sheets and			Art Unit	2642	
_	(Use as many sheets as	necessary) 	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	1322/45/2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Spr	B1	MICHAEL MCGREW, "Transport SS7 Signaling Over IP," Lucent Technologies Inc., p. 1-8, (November 1998).	X
,			
		RECEIVED	
		MAY 2 8 2003	
		Technology Center 2604	,
		•	
_			
Examiner Signature		Date (/-3-63)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicants to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

through 04/30/2003, OMB 0651-0031

Under the Papelwork Reduction Act of 1895, no persons are required to	U.S. Patent and Trac respond to a collection of inform	demark Office; U.S. DEPARTMENT OF COMMERCE mation unless it contains a valid OMB control number.	
	Complete if Known		
Substitute for form ASA/PTO TRADE MANY	Application Number	09/839.394	
INFORMATION DISCLOSURE	Filing Date	04/20/2001	

STATEMENT BY APPLICANT

First Named Inventor Robby Darren Benedyk Art Unit **Examiner Name**

PTO/SB/08a (05-03)

(Use as many sheets as necessary) Attorney Docket Number 1322/45/2 of Sheet

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	0.1 Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
•		US-			
		US-		•	
		US-			
	. :	US-			RECEIVED
		US-			
		US-			MAY 2 8 2003
		US-			
		US-			Technology Center 2600
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3-Number 4-Kind Code 5 (if kno	wn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ⁶		
Spe	A1	EP 0 853 411	A2	07/15/1998	Bicknell et al.		X		
<u> </u>							-		
		0/1	"						

Examiner Signature III III	Date Considered //-3 - 0 3

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments are the application form to the USPTO. on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03)
Apse through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1993 to persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449				Complete if Known		
				Application Number	09/839,394	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	04/20/2001	
				First Named Inventor	Robby Darren Benedyk	
				Art Unit	2642	
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number	1322/45/2	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
Spu	B1	MICHAEL MCGREW, "Transport SS7 Signaling Over IP," Lucent Technologies Inc., p. 1-8, (November 1998).	x			
		RECEIVED				
		MAY 2 8 2003				
		Technology Center 2000	,			
Examiner	**	Date 1/ - 2				
Signature		L La Date Considered (/-3-63				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.